

ABSTRACT OF THE DISCLOSURE

Residual fine foreign matters are infallibly removed when manufacturing bearing parts. A removal process of residual fine foreign matters is taken before a high precision water-washing process in a manufacturing process of each component of a rolling bearing. Accordingly, residual fine foreign matters generated in a cutting process, a heat-treating process and a grinding process are removed, including metal powder like a metal chip and falling pieces of bearing components. In the removal process of residual fine foreign matters, ground pieces of corn-cob as a raw material are used for a grinding medium. Thus, damages to a surface of rolling bearing parts may be minimized during the removal process. Moreover, the medium is likely to accommodate to a surface of bearing parts, so that residual fine foreign matters may be effectively removed.